

Summative Research Project

SVN3M

NAME: _____

You have been asked by the Toronto environmentalists to write an informative piece) on **ONE** of the following:

- | | | |
|--|---|--|
| <input type="radio"/> bio-fuels (e.g. ethanol) | <input type="radio"/> free range livestock | <input type="radio"/> plastic shopping bags |
| <input type="radio"/> bottled water | <input type="radio"/> genetically modified seeds | <input type="radio"/> raw sewage used as fertilizers |
| <input type="radio"/> coal-burning plants | <input type="radio"/> monoculture | <input type="radio"/> solar panels |
| <input type="radio"/> Credit River Atlantic Salmon | <input type="radio"/> moulds in houses | <input type="radio"/> spraying to prevent gypsy moth infestation |
| <input type="radio"/> deforestation in Canada | <input type="radio"/> nematodes used in agriculture | <input type="radio"/> use of growth hormones or antibiotics in livestock |
| <input type="radio"/> E. coli in Walkerton, ON | <input type="radio"/> overfishing | <input type="radio"/> wind farms and noise pollution |
| <input type="radio"/> E-bikes | <input type="radio"/> PEI's Wind-Hydrogen Village | <input type="radio"/> Other → speak to your teacher |
| <input type="radio"/> E-waste (e.g. cell phones) | <input type="radio"/> pesticide bands in Ontario | |
| <input type="radio"/> forest fire control | | |

Please choose **ONE** of the following formats (with references with at least 3 different sources) to complete your informative piece:

- | | | |
|----------------------------------|--|---|
| <input type="radio"/> Video | <input type="radio"/> Oral Presentation to the class | <input type="radio"/> Build a model <u>AND</u> write an article |
| <input type="radio"/> Website | <input type="radio"/> Magazine/Newspaper article | |
| <input type="radio"/> Brochure | <input type="radio"/> Children's Encyclopedia | <input type="radio"/> Other → speak to your teacher |
| <input type="radio"/> PowerPoint | | |

Your project must include the following:

1. *Description or History* of the environmental issue (e.g. topic description e.g. history of bottled water)
2. Describe the *benefits & disadvantages* of the topic to the environment → describe at least 4 total
3. Impacts to at least 2 of the following *units*: Human Health, Agriculture & Forestry, Waste Management/Disposal, Energy
4. *Economical & Societal Implications* → give at least 3 total impacts to society and to the economy (e.g. tax payers money, reduce health impacts) → explain how and why these are implications
5. *Proper Reference Page (APA format and at least 3 different sources), Spelling & Grammar*

Some sites: <http://cbo-lib-fe01.peelschools.org/SourceIt/index.html>; <http://eresources.knowledgeontario.ca/?cat=9>

Rubric

Categories Criteria	LEVEL 0 (0 marks)	LEVEL 1 (1 mark)	LEVEL 2 (2 marks)	LEVEL 3 (3-4 marks)	LEVEL 4 (5 marks)
Description	<i>Never mentioned</i>	<i>Incomplete description</i>	<i>Partial description</i>	<i>Majority of the description</i>	<i>Complete description</i>
Benefits & Disadvantages to the Enviro.	<i>Never mentioned</i>	<i>1-2 benefit OR disadvantage listed</i>	<i>2-4 benefits OR disadvantages listed</i>	<i>1-3 benefit OR disadvantage explained</i>	<i>4+ benefits & disadvantages explained completely</i>
Impacts to Other Units	<i>Never mentioned</i>	<i>Poorly descriptive and/or poorly linked to 1 unit</i>	<i>Poorly descriptive and/or poorly linked to 2 other units</i>	<i>Moderately descriptive or some links to 2 other units</i>	<i>Descriptive and relative impacts to 2+ other units</i>
Economical & Societal Implications	<i>Never mentioned</i>	<i>1-2 economical or societal impacts listed</i>	<i>1-3 economical or societal impacts listed</i>	<i>1-2 economical or societal impacts explained</i>	<i>3+ economical & societal impacts explained</i>
References, Spelling & Grammar	<i>No refer. & poor spelling/ grammar</i>	<i>Poor References, spelling & grammar (or not using own words)</i>	<i>Poor References and more than 10 spelling/ grammar errors</i>	<i>1-2 sources properly referenced and up to 10 spelling/ grammar errors</i>	<i>3+ sources properly referenced and 1-2 spelling/ grammar errors</i>
Layout and Appearance (i.e. Audience)	<i>None</i>	<i>Poorly laid out, poor appearance & poor use of space</i>	<i>Neat and Good use of space <u>only</u></i>	<i>Neat; Good use of space; BUT <u>poor</u> readability or appearance</i>	<i>Neat, Good use of space; "Catchy to the eye"; <u>easily</u> readable</i>